

## PART VII "EQUIPMENT AND APPARATUS"

### 1. Department wise List of Minimum equipments required for D Pharm

#### Pharmaceutics

#### Equipments:

Sl. No.	Name	Minimum required Nos.	Available Nos.	Working	Remarks of the Inspectors
1	Continuous Hot Extraction Equipment	5	5	Yes	
2	Conical Percolator	5	20	Yes	
3	Tincture Press	1	1	Yes	
4	Hand Grinding Mill	1	1	Yes	
5	Disintegrator	1	1	Yes	
6	Ball mill	1	1	Yes	
7	Hand operated Tablet machine	1	3	Yes	
8	Tablet Coating Pan unit with hot air blower laboratory size	1	1	Yes	
9	Polishing pan laboratory size	1	1	Yes	
10	Monsanto's hardness tester	1	2	Yes	
11	Pfizer type hardness tester	1	2	Yes	
12	Tablet disintegration test apparatus IP	1	1	Yes	
13	Tablet dissolution test apparatus IP	1	1	Yes	
14	Granulating sieve set	10	20	Yes	
15	Tablet counter " small size	5	5	Yes	
16	Friability tester	1	1	Yes	
17	Collapsible tube " Filling and sealing equipment	1	1	Yes	
18	Capsule filling machine " Lab size	1	1	Yes	
19	Digital balance	1	1	Yes	
20	Distillation unit for distilled water	2	2	Yes	
21	Deionisation unit	1	1	Yes	
22	Glass distillation unit for water for injection	1	1	Yes	
23	Ampoule washing machine	1	1	Yes	
24	Ampoule filling and sealing machine	1	1	Yes	
25	Sintered glass filters for bacteria proof filtration (four different grades)	0	0	No	
26	Millipore filter (3 grades)	0	0	No	
27	Autoclave	1	1	Yes	
28	Hot air sterilizer	1	1	Yes	
29	Incubator	1	1	Yes	
30	Aseptic cabinet	1	1	Yes	
31	Ampoule clarity test equipment	1	1	Yes	
32	Blender	1	1	Yes	
33	Sieves set (Pharmacopoeial standard)	2	10	Yes	
34	Lab Centrifuge	1	1	Yes	
35	Ointment slab	0	0	No	
36	Ointment spatula	0	0	No	
37	Pestle and mortar porcelain	0	0	No	
38	Pestle and mortar glass	0	0	No	
39	Suppository moulds of three sizes	0	0	No	
40	Refrigerator	1	1	Yes	

NOTE: Adequate numbers of glassware commonly used in the laboratory should be provided in each laboratory and the department.

#### Pharmaceutical Chemistry

#### Equipments:

Sl. No.	Name	Minimum required	Available Nos.	Working	Remarks of the Inspectors
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